

**Amendments to the Claims**

Please cancel Claim 2 and Claim 6.

Please amend Claims 1, 3-5, 7-8 and 11-13.

Please add new Claims 14-21.

The Claim Listing below will replace all prior versions of the claims in the application:

**Claim Listing**

1. (Currently Amended) A method of treating a TNF $\alpha$ -mediated myelodysplastic syndrome in a human comprising administering to the human an effective ~~TNF-inhibiting~~ TNF $\alpha$ -inhibiting amount of an ~~anti-TNF~~ anti-TNF $\alpha$  antibody, wherein said ~~anti-TNF~~ anti-TNF $\alpha$  antibody competitively inhibits binding of ~~TNF~~ human TNF $\alpha$  to anti-TNF $\alpha$  chimeric monoclonal antibody cA2.
2. (Canceled)
3. (Currently Amended) A method of treating a TNF $\alpha$ -mediated myelodysplastic syndrome in a human comprising administering to the human an effective ~~TNF-inhibiting~~ TNF $\alpha$ -inhibiting amount of anti-TNF $\alpha$  chimeric monoclonal ~~anti-TNF~~ antibody cA2.
4. (Currently Amended) A method for treating a TNF $\alpha$ -mediated myelodysplastic syndrome in a human comprising administering to the human at least one anti-TNF $\alpha$  chimeric monoclonal antibody cA2, or a ~~TNF-binding~~ antigen-binding fragment thereof.
5. (Currently Amended) A method of treating a TNF $\alpha$ -mediated myelodysplastic syndrome in a human comprising administering to the human an effective ~~TNF-inhibiting~~ TNF $\alpha$ -inhibiting amount of an ~~anti-TNF~~ anti-TNF $\alpha$  chimeric antibody, wherein said ~~anti-TNF~~ anti-TNF $\alpha$  chimeric antibody comprises an IgG1 constant region and competitively inhibits binding of ~~TNF~~ human TNF $\alpha$  to anti-TNF $\alpha$  chimeric monoclonal antibody cA2.

6. (Canceled)
7. (Currently Amended) A method of treating a TNF $\alpha$ -mediated myelodysplastic syndrome in a human comprising administering to the human an effective ~~TNF-inhibiting~~ TNF $\alpha$ -inhibiting amount of an ~~anti-TNF~~ anti-TNF $\alpha$  chimeric antibody, wherein said ~~anti-TNF~~ anti-TNF $\alpha$  chimeric antibody comprises a non-human variable region comprising an amino acid sequence selected from the group consisting of SEQ ID NO.:3 and SEQ ID NO.:5.
8. (Currently Amended) A method of treating a TNF $\alpha$ -mediated myelodysplastic syndrome in a human comprising administering to the human an effective ~~TNF-inhibiting~~ TNF $\alpha$ -inhibiting amount of an ~~anti-TNF~~ anti-TNF $\alpha$  chimeric antibody, wherein said ~~anti-TNF~~ anti-TNF $\alpha$  chimeric antibody comprises a non-human variable region comprising an amino acid sequence selected from the group consisting of SEQ ID NO.:3 and SEQ ID NO.:5 and an IgG1 human constant region.
9. (Original) The method of Claim 7 wherein the non-human variable region comprises a polypeptide encoded by a nucleic acid sequence selected from the group consisting of SEQ ID NO.:2 and SEQ ID NO.:4.
10. (Original) The method of Claim 8 wherein the non-human variable region comprises a polypeptide encoded by a nucleic acid sequence selected from the group consisting of SEQ ID NO.:2 and SEQ ID NO.: 4.
11. (Currently Amended) A method of treating a TNF $\alpha$ -mediated myelodysplastic syndrome in a human comprising administering to the human an effective ~~TNF-inhibiting~~ TNF $\alpha$ -inhibiting amount of an ~~anti-TNF~~ anti-TNF $\alpha$  chimeric antibody, wherein said ~~anti-TNF~~ anti-TNF $\alpha$  chimeric antibody competitively inhibits binding of ~~TNF~~ human TNF $\alpha$  to anti-TNF $\alpha$  chimeric monoclonal antibody cA2, and wherein said anti-TNF $\alpha$  chimeric antibody binds to a neutralizing epitope of human TNF $\alpha$ .

12. (Currently Amended) The method of Claim 1 wherein said ~~anti-TNF~~ anti-TNF $\alpha$  antibody is a humanized antibody.
13. (Currently Amended) The method of Claim 1 wherein said ~~anti-TNF~~ anti-TNF $\alpha$  antibody is a human antibody.
14. (New) The method of Claim 1 wherein said anti-TNF $\alpha$  antibody binds with high affinity to a neutralizing epitope of human TNF $\alpha$ .
15. (New) The method of Claim 1 wherein said anti-TNF $\alpha$  antibody binds to a neutralizing epitope of human TNF $\alpha$  *in vivo* with an affinity of at least  $1 \times 10^8$  liter/mole, measured as an association constant (K<sub>a</sub>), as determined by Scatchard analysis.
16. (New) The method of Claim 1 wherein said anti-TNF $\alpha$  antibody is administered to the human by means of parenteral administration.
17. (New) The method of Claim 1 wherein said anti-TNF $\alpha$  antibody is administered to the human by means of intravenous administration, subcutaneous administration or intramuscular administration.
18. (New) The method of Claim 1 wherein said anti-TNF $\alpha$  antibody is administered to the human orally.
19. (New) The method of Claim 1 wherein said TNF $\alpha$ -inhibiting amount of said anti-TNF $\alpha$  antibody comprises a single or divided dose of about 0.1 - 50 mg/kg.
20. (New) The method of Claim 19 wherein the single or divided dose is selected from the group consisting of: about a 0.1 - 1 mg/kg dose, about a 1.0 - 5 mg/kg dose, about a 5 - 10 mg/kg dose and about a 10 - 20 mg/kg dose.

21. (New) The method of Claim 1 further comprising administering to the human an effective amount of a therapeutic agent selected from the group consisting of: radiotherapeutics, cytotoxic drugs, monoclonal antibodies, chimeric antibodies, antibody fragments, antibody regions, lymphokines, cytokines, hemopoietic growth factors and immunoglobulins.